

BASF Ultradur® LUX PBT

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT)

Material Notes:

The new Ultradur® LUX is a polybutylene terephthalate (PBT). Researchers at BASF have successfully refined its morphology so that its laser transparency has been improved from 30 to around 60 percent – a high, consistent laser transparency that has not previously been achieved with PBT. Its mechanical properties are comparable to those of standard Ultradur®. With the improved laser transparency it is now possible to achieve much higher welding speeds. Information provided by BASF

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Ultradur-LUX-PBT.php

Optical Properties	Metric	English	Comments
Transmission, Visible	40 %	40 %	
	@Wavelength 700 nm	@Wavelength 700 nm	
	40 %	40 %	
	@Wavelength 2300 nm	@Wavelength 2300 nm	
	60 %	60 %	
	@Wavelength 1700 nm	@Wavelength 1700 nm	
	65 %	65 %	
	@Wavelength 2100 nm	@Wavelength 2100 nm	
	70 %	70 %	
	@Wavelength 1300 nm	@Wavelength 1300 nm	

Descriptive Properties	Value	Comments
Commercial Status	Europe	

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